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UTILITY
PATENT APPLICATION
TRANSMITTAL

Attorney Docket No. 27866/39701 Joseph A. Beavo First Inventor

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APPLICATION ELEMENTS  See MPEP chapter 600 concerning utility patent application contents.  1. X fee Transmittal Form (e.g., PTO/SB/17)	TRANSMITTAL Title CYCLIC NUCLEOTIDE PHOSPHODIESTERASES				
ADDRESS TO:   ADDRESS TO:   CD-ROM or CD-R in duplicate, large table or CD-ROM or CD-R (2 copies); or ii.	(Only for new nonprovisional applications under 37 CFR 1.53(b))	Expres	ess Mail Label No. EV 323778998 US		
Note   See MPEP chapter 600 concerning utility patent application contents	APPLICATION ELEMENTS		ADDRESS TO:		
Title page				2	
Title page	2. (Submit an original, and a duplicate for fee processing) See 37 CFR 1.27.		7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)	10/697894	
Drawing(s) (35 U.S.C. 113)   Total Sheets   James	INCLUDING:				
ACCOMPANYING APPLICATIONS PARTS  Page Abstract Sequence Listing Drawing Sequence Listing Drawing(s) (35 U.S.C. 113)  Total Sheets  Information Declaration  Total Pages Information Disclosure English Translation Document (if applicable) Information Disclosure Copies of IDS Statement (IDS)PTO-1449  Copies of IDS Statement (IDS)PTO-1449  Total Pages Information Disclosure Copies of IDS Statement (IDS)PTO-1449  Total Pages Information Disclosure Copies of IDS Statement (IDS)PTO-1449  Total Pages Information Disclosure Copies of IDS Statement (IDS)PTO-1449  Total Pages Information Disclosure Copies of IDS Statement (IDS)PTO-1449  Total Pages Information Disclosure Copies of IDS Statement (IDS)PTO-1449  Total Pages Information Disclosure Copies of IDS Statement (IDS)PTO-1449  Total Pages Information Disclosure Copies of IDS Statement (IDS)PTO-1449  Total Pages Information Disclosure Copies of IDS Statement (IDS)PTO-1449  Total Pages Information Disclosure Copies of IDS Statement (IDS)PTO-1449  Total Pages Information Disclosure Copies of IDS Statement (IDS)PTO-1449  Total Pages Information Disclosure Copies of IDS Statement (IDS)PTO-1449  Total Pages Information Disclosure Copies of IDS Statement (IDS)PTO-1449  Total Pages Information Disclosure Copies of IDS Statement (IDS)PTO-1449  Total Pages Information Disclosure Copies of IDS Statement (IDS)PTO-1449  Total Pages Information Disclosure Copies of IDS Statement (IDS)PTO-1449  Total Pages Information Disclosure Information Disclosure Information Request under St. S. C. 122 (b)(2)(B)(D. Applicant must attach form PTO/SB/35 or its equivalent. Information Request under 35 U.S. C. 122 (b)(2)(B)(D. Applicant must attach form PTO/SB/35 or its equivalent. Information Request under 35 U.S. C. 122 (b)(2)(B)(D. Applicant must attach form PTO/SB/35 or its equivalent. Information Request under 35 U.S. C. 122 (b)(2)(B)(D. Applicant must attach under 35 U.S. C. 122 (b)(2)(B)(D. Applicant must attach dome or provide Application Application Application Application Application Appl	<ul><li>1 Title page</li><li>60 Pages of Specification</li></ul>				
9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement (when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. Information Disclosure (Dope of IDS Statement (IDS)) 13. X Preliminary Amendment 14. X Return Receipt Postcard (MPEP 503) (Schuld be specifically itemized) 15. Oath or Declaration (37 CFR 1.63(d)) 16. DELETION OF INVENTOR(S) (Spined statement attached deleting inventor(s) amend in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 16. Application Data Sheet. See 37 CFR 1.76 17. X Other. Statement (Index of Index of Ind	- 1 Page Abstract	Г			
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4. Drawing(s) (35 U.S.C. 113) [Total Sheets ] ] 11. English Translation Document (if applicable)  5. Oath or Declaration [Total Pages ] ] 12. Information Disclosure Statement (IDS)/PTO-1449 Citations  a. Newly executed (original or copy) 13. X Preliminary Amendment  b. X Copy from a prior application (37 CFR 1.63(d)) (for continuation/tdivisional with Box 18 completed) (for continuation/tdivisional with Box 18 completed) (inventors) named in the prior application, see 37 CFR 1.63(q)(2) and 1.33(p). (15. Continuation Data Sheet. See 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76  19. Continuation X Divisional Continuation-in-part (CIP) of prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  Name MARSHALL, GERSTEIN & BORUN LLP Katherine L. Neville  233 S. Wacker Drive, Suite 6300 Sears Tower					
a. Newly executed (original or copy)  b. X Copy from a prior application (37 CFR 1.63(d))  c. Copy from a prior application (37 CFR 1.63(d))  i. DELETION OF INVENTOR(S)  signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76  Continuation X Divisional Continuation-in-part (CIP) of prior application No.: 09/883,825  Prior application information: Examiner Elizabeth Slobodyansky Group / Art Unit: 1652  For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under 80 x 8b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  X Customer Number or Bar Code Label  MARSHALL, GERSTEIN & BORUN LLP Katherine L. Neville  233 S. Wacker Drive, Suite 6300 Sears Tower	4. Drawing(s) (35 U.S.C. 113) [Total Sheets				
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i. DELETION OF INVENTOR(S) Signed statement attached deletting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. X Other: Statement Under 1.821(e) as filed in USS 09/883,825  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76 Continuation X Divisional Continuation-in-part (CIP) of prior application No.: 09/883,825  Prior application information: Examiner Elizabeth Slobodyansky Group / Art Unit: 1652  For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  X Customer Number or Bar Code Label  04743 or X Correspondence address by Address 233 S. Wacker Drive, Suite 6300 Sears Tower		İ			
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  16. Applicant must attach form PTO/SB/35 or its equivalent.  17. Applicant must attach form PTO/SB/35 or its equivalent.  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76  Continuation X Divisional Continuation-in-part (CIP) of prior application No.: 09/883,825  Prior application information: Examiner Elizabeth Slobodyansky Group / Art Unit: 1652  For CONTINUATION or DivisionAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  MARSHALL, GERSTEIN & BORUN LLP Katherine L. Neville  233 S. Wacker Drive, Suite 6300 Sears Tower	DELETION OF INVENTORICS				
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X Customer Number or Bar Code Label  04743  or X Correspondence address be Name  MARSHALL, GERSTEIN & BORUN LLP Katherine L. Neville  233 S. Wacker Drive, Suite 6300 Sears Tower	reference. The incorporation <u>can only</u> be relied upon when a po	ortion has	as been inadvertently omitted from the submitted application parts.		
Name MARSHALL, GERSTEIN & BORUN LLP Katherine L. Neville 233 S. Wacker Drive, Suite 6300 Sears Tower	19. CORRESPONDENCE ADDRESS				
Katherine L. Neville  233 S. Wacker Drive, Suite 6300 Sears Tower	X Customer Number or Bar Code Label	(	04743 or X Correspondence address below	v	
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Country US Telephone (312) 474-6300 Fax (312) 474-0448					
Name (Print/Type) Katherine L. Neville Registration No. (Attorney/Agent) 53,379	Name (Print/Type) Katherine L. Neville		Registration No. (Attorney/Agent) 53,379		
Signature Sall: L Nell Date October 30, 2003	Signature Fall 1	Not	<i>Date</i> October 30, 2003		

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Dated: October 30, 2003

Signature:

(Richard Zimmermann)



Not Yet Assigned

Complete if Known

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	for	FY	2003	

Application Number October 30, 2003 (herewith) Filing Date Joseph A. Beavo First Named Inventor Effective 01/01/2003, Patent fees are subject to annual revision. Examiner Name Not Yet Assigned Applicant claims small entity status. See 37 CFR 1.27 Not Yet Assigned Art Unit TOTAL AMOUNT OF PAYMENT (\$) 854.00 27866/39701 Attomey Docket No.

METHOD OF PAYMENT (check all that apply)  FEE CALCULATION (continued)			
Credit Money		(continued)	
X Check Card Order Other X None	. ADDITIONAL FEES		
Deposit Account			
Deposit	arge Entity Small Entity		
Account Number 13-2855	ee Fee Fee Fee Fee Code (\$)	ee Description Fee Paid	
Deposit MARSHALL, GERSTEIN &	051 130 2051 65 Surcharge – tate	o filing for as oath	
Account Name BORUN LLP	0	e filing fee or oath	
The Director is hereby authorized to: (check all that apply)	052 50 2052 25 Surcharge – late sheet.	e provisional filing fee or cover	
Charge fee(s) indicated below X Credit any overpayments	053 130 1053 130 Non-English spe	ecification	
X Charge any additional fee(s) except the issue fee during the pendency of this application	812 2,520 1812 2,520 For filing a reque	st for ex parte reexamination	
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to the above-identified deposit account.	805 1 840* 1805 1 840* Requesting pub	lication of SIR after	
FEE CALCULATION	Examiner action 251 110 2251 55 Extension for re	ply within first month	
1. BASIC FILING FEE		ply within second month	
Large Entity Small Entity		ply within third month	
Fee Fee Fee Fee Fee Paid  Code (\$) Code (\$)		ply within fourth month	
1001 770 2001 375 Utility filing fee 770.00	255 1,970 2255 985 Extension for re	ply within fifth month	
1002 330 2002 165 Design filing fee	401 320 2401 160 Notice of Appea	at a second	
1003 520 2003 260 Plant filing fee	402 320 2402 160 Filing a brief in s	support of an appeal	
1004 750 2004 375 Reissue filing fee	403 280 2403 140 Request for oral	hearing	
1005 160 2005 80 Provisional filing fee	451 1,510 1451 1,510 Petition to institu	ute a public use proceeding	
	452 110 2452 55 Petition to revive	· · · · •	
SUBTOTAL (1) (\$) 770.00	453 1,300 2453 650 Petition to revive	e - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	501 1,300 2501 650 Utility issue fee	(or reissue)	
Extra Fee from Claims below Fee Paid	502 470 2502 235 Design issue fee	3	
Total Claims 4 -20** = x =	503 630 2503 315 Plant issue fee		
Independent 4 -3** = 1 x 84.00 =	460 130 1460 130 Petitions to the	Commissioner	
Multiple Dependent =	807 50 1807 50 Processing fee	under 37 CFR 1.17(q)	
Large Entity Small Entity	806 180 1806 180 Submission of It	nformation Disclosure Stmt	
Fee Fee Fee Code (\$) Fee Description		patent assignment per number of properties)	
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1201	810 750 2810 375 For each addition	onal invention to be	
1204 84 2204 42 ** Reissue independent claims	examined (37Cl	FR 1.129(b)) ntinued Examination (RCE)	
over original patent		pedited examination	
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**or number previously paid, if greater, For Reissues, see above			
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Name (Print/Type) Katherine L. Neville	gistration No. 53,379 Te	lephone (312) 474-6628	

SUDMITTED BY				Complete (	ir applicable)
Name (Print/Type)	Katherine L. Neville	Registration No. (Attorney/Agent)	53,379	Telephone	(312) 474-6628
Signature	Loff f. Nurth	1	-	Date	October 30, 2003

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date shown below.	MS Patent Application, Commissioner or Patents 1.O. Box 1450, Alexandria, VA 22313-1450, on the

Dated: October 30, 2003

Signature: Xi Mauf

(Richard Zimmermann)